

Please type a plus sign (+) inside this box →

+

PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

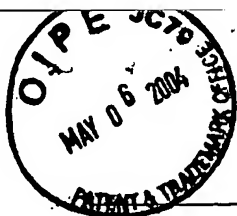
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1>TRANSMITTAL FORM</h1> <p>(to be used for all correspondence after initial filing)</p>		Application Number	10/656,803
		Filing Date	September 4, 2003
		First Named Inventor	GREENE, WARNER C.
		Group Art Unit	1642
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	4	Attorney Docket Number	UCAL-283
ENCLOSURES (check all that apply)			
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group	
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences	
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)	
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information	
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter	
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney,	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):	
<input type="checkbox"/> Express Abandonment Request	Revocation	13 References	
<input checked="" type="checkbox"/> Information Disclosure Statement	Change of Correspondence Address	Postcard	
PTO-SB/08A	<input type="checkbox"/> Terminal Disclaimer		
<input type="checkbox"/> Certified Copy of Priority Documents	<input type="checkbox"/> Request for Refund		
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input type="checkbox"/> CD, Number of CD(s)		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Signing Attorney/Agent (Reg. No.)	CAROL L. FRANCIS, 36.513 BOZICEVIC, FIELD & FRANCIS LLP		
Signature			
Date	May 6, 2004		

EXPRESS MAIL LABEL NO. EV 333997587 US

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Express Mail No. EV 333997587 US

**INFORMATION
DISCLOSURE STATEMENT**

Address to:
Mail Stop
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attorney Docket	UCAL-283
First Named Inventor	GREENE, WARNER C.
Application Number	10/656,803
Confirmation No.	7086
Filing Date	September 4, 2003
Group Art Unit	1642
Examiner Name	Not Yet Assigned
Title:	"VIRION-BASED FUSION ASSAY"

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. A Form PTO-SB/08A listing the references and copies of the cited references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. §102.

As applicants have not yet received a first Action on the merits, no fee is believed to be required for filing this Disclosure Statement. If, however, the PTO finds that for some reason a fee is due, our Deposit Account No. 50-0815, Order No. UCAL-283 may be charged thereon.

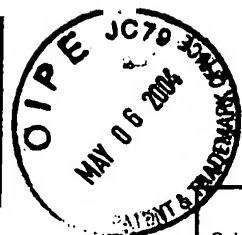
Respectfully submitted,
BOZICEVIC, FIELD & FRANCIS LLP

Date: May 6, 2004

By: Carol L. Francis

Carol L. Francis
Registration No. 36,513

BOZICEVIC, FIELD & FRANCIS LLP
200 Middlefield Road, Suite 200
Menlo Park, CA 94025
Telephone: (650) 327-3400
Facsimile: (650) 327-3231



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/656.803		
		Filing Date	September 4, 2003		
		First Named Inventor	GREENE, WARNER C.		
		Art Unit	1642		
Sheet	1	of	2	Examiner Name	
				Attorney Docket Number	UCAL-283

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ² -Number ² -Kind Code ² (if known)				

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Chen, Y.D., et al., "On the Use of Self-Quenching Fluorophores in the Study of Membrane Fusion Kinetics – The Effect of Slow Probe Redistribution," Biophys. Chem. 34:283-292 (1989)	
		Fackler, O. T. et al., "Endocytic Entry of HIV-1," Current Biol. 10:1005-1008 (2000)	
		Klatzmann, D. R., et al., "The CD4 Molecule and HIV Infection," Immunodef., Rev. 2, 43-66 (1990)	
		Kowalski, M., et al., "Functional Regions of the Envelope Glycoprotein of Human Immunodeficiency Virus Type 1," Science 237:1351 (1987)	
		Lifson, J. D., et al., "Induction of CD4-Dependent Cell Fusion by the HTLV-III/LAV Envelope Glycoprotein," Nature 323:725 (1986)	
		Lowy, R.J., et al., "Observation of Single Influenza Virus-Cell Fusion and Measurement by Fluorescence Video Microscopy," PNAS 87:1850-1854 (1990)	
		Maddon, P. J., et al., "The T4 Gene Encodes the AIDS Virus Receptor and is Expressed in the Immune System and the Brain," Cell 47, 333-348 (1986)	

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/656,803		
		Filing Date	September 4, 2003		
		First Named Inventor	GREENE, WARNER C.		
		Art Unit	1642		
Sheet	2	of	2	Examiner Name	
				Attorney Docket Number	UCAL-283

	Maddon, P. J., et al., "The Isolation and Nucleotide Sequence of a cDNA Encoding the T Cell Surface Protein T4: A New Member of the Immunoglobulin Gene Family," Cell 42, 93-104 (1985)	
	Maddon, P. J., et al., "HIV Infection Does Not Require Endocytosis of its Receptor, CD4," Cell 54:865 (1988)	
	Marchal, V., et al., "Human Immunodeficiency Virus Type 1 Entry into Macrophages Mediated by Macropinocytosis," J. Virology 75:11166-11177 (2001)	
	Muthumani et al. "Vpr-GFP Virion Particle Identifies HIV-Infected Targets and Preserves HIV-IV pr Function in Macrophages and T-Cells," DNA Cell Biol. 19:179-188 (2000)	
	Raviv, Y., et al., "Quantitative Measurement of Fusion of HIV-1 and SIV with Cultured Cells Using Photosensitized Labeling," Virology 293:243-251 (2002)	
	Wain-Hobson, S., et al., "Nucleotide Sequence of the AIDS Virus, LAV," Cell 40, 9-17 (1985)	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.